

Amendments to the Claims

Listing of Claims:

Claims 1-4 (canceled).

Claim 5 (new). A method for separating residual gases and working fluid in a combined cycle water/steam process, wherein steam, used as a working fluid, is subjected to multi-stage compression and a mixture of the working fluid and reaction products of liquid and/or gaseous fuels is subjected to multi-stage expansion, and wherein an energy supply in fuel form is effected directly before or at a blading of selected turbine stages, the method which comprises:

subjecting an expanded exhaust gas from a high-pressure turbine stage to a cooling process prior to further compression, and thereby cooling the expanded exhaust gas from the high-pressure turbine stage at least to a condensation temperature of a steam contained in the exhaust gas;

carrying off uncondensed parts of the exhaust gas from the combined cycle water/steam process; and

carrying out a condensation of the working fluid, leading-off of uncondensed residual gases, expansion of a working fluid condensate, and evaporation of the condensed working fluid in a residual gas separator connected upstream of a multi-stage turbocompressor and a low-pressure turbine stage .

Claim 6 (new). The method according to claim 5, wherein the cooling process

comprises cooling the expanded exhaust gas leaving the high-pressure turbine stage in a multi-stage cooling process.

Claim 7 (new). The method according to claim 6, wherein the multi-stage cooling process comprises first cooling the expanded exhaust gas leaving the high-pressure turbine stage in a heat exchanger and then cooling the exhaust gas in a condensate preheater and in a low-pressure steam/exhaust gas cooler.

Claim 8 (new). The method according to claim 5, which comprises obtaining an evaporation heat required for converting the condensate into the working fluid from the condensation heat to be dissipated.